# 6th Grade Math Progression of Standards

| | "I can" Standard | Standard | BI Chapter | IABs |
|---|---|---|---|---|
| **Semester 1** | I can fluently divide multi-digit numbers | NS2 | **1** | 6th Grade Number System IAB due by October 31, 2019 |
| | I can write and evaluate numerical expressions using whole numbers | **EE1** | | |
| | I can find the greatest common factor and least common multiple of two whole numbers | NS4 | | |
| | I can interpret and compute quotients of fractions and apply them to real-world situations | **NS1** | **2** | |
| | I can add, subtract, multiply and divide multi-digit decimals using the standard algorithm | NS3 | | |
| | I can use positive and negative numbers to represent quantities in real-world situations | **NS5** | **6** | |
| | I can place rational numbers on a number line | **NS6** | | |
| | I can find the absolute value and order rational numbers | **NS7** | | |
| | I can solve real-world and mathematical problems by graphing coordinates in all four quadrants | **NS8** | | |
| | I can use ratio language to describe a ratio relationship between two quantities, and I understand the concept of a ratio | **RP1** | **5** | 6th Grade RP IAB due by December 20, 2019 |
| | I understand the concept of a unit rate associated with a ratio | **RP2** | | |
| | I can use ratio and rate reasoning to solve real world problems including percents and converting measures | **RP3** | | |
| **Semester 2** | I can write, read, and evaluate expressions with variables | **EE2** | **3** | 6th Grade Expressions and Equations IAB due by March 27, 2020 |
| | I can apply the properties of operations, including the distributive property, to generate equivalent expressions | **EE3** | | |
| | I can apply the distributive property to factor expressions and create equivalent expressions. | NS4 | | |
| | I can identify when two expressions are equivalent | **EE4** | | |
| | I can use variables to represent numbers and write expressions when solving a real world or mathematical problem | **EE6** | | |
| | I can use variables to represent numbers and write expressions when solving a real world or mathematical problem | **EE6** | **7** | |
| | I can follow a procedure in order to solve an equation or inequality | **EE5** | | |
| | I can write and solve equations with rational numbers | **EE7** | | |
| | I can write an inequality and represent solutions on a number line | **EE8** | | |
| | I can use variables to represent two quantities that change in relation to one another | **EE9** | | |
| | I can find the area of triangles, quadrilaterals, and polygons | G1 | **4** | 6th Grade Geo. IAB due by CAASPP (can be non-standardized) |
| | I can draw polygons in the coordinate plane and apply these techniques in the context of problem solving | G3 | | |
| | I can use nets to find the surface area of three dimensional figures | G4 | **8** | |
| | I can find the volume of rectangular prisms | G2 | | |
| | I can recognize a statistical question | SP1 | **9** | 6th Grade Statistics IAB is optional |
| | I can describe shapes of distributions, measures of center, and spread of a data set | SP2 | | |
| | I can describe and differentiate between measures of center and measures of deviation | SP3 | | |
| | I can display numerical data in a variety of ways | SP4 | **10** | |
| | I can summarize numerical data sets | SP5 | | |